

## Fermilab and the Community

# STEM Educational Contributions

Fermilab partners with educators to introduce youth to the world of science and trains college and university students in high-tech research and development.

### Statistics

K-12 students	FY2011	FY2012
Students participating in activities at Fermilab	16,665	19,101
Students visited in classrooms by Fermilab staff	19,393	19,501

K-12 teachers	FY2011	FY2012
Educators attending workshops at Fermilab	339	327
Educators using the Teacher Resource Center	292	139
Teachers holding summer research internships	22	9

### College & university students & adults

Ph.D. degrees received from work at Fermilab	1,961 since 1974
Students involved in on-site programs or internships	About 1,000 every year
Public tour participants	5,800 in 2012



### Activities

Fermilab operates a Teacher Resource Center and the Lederman Science Center, a free hands-on science education center that hosts about 3,000 visitors every year.

Fermilab staff members serve as mentors to high school students for periods ranging from 6 weeks to 8 months. Students learn how scientists pursue discoveries in science, engineering and computing.

The Saturday Morning Physics program offers a nine-week course for about 300 local high-school students a year.

The national QuarkNet program, led from Fermilab, gives high-school physics teachers and their students hands-on research experience as part of an international scientific collaboration.

The Ask-A-Scientist program puts local residents in touch with physicists, engineers and computer specialists at a monthly open house and special events throughout the year.

Fermilab offers internships for college students studying science, engineering, computing, ecology and science journalism.

Learn more about Fermilab's Education Office at [ed.fnal.gov](http://ed.fnal.gov).

